

SOLUTIONS FOR ESCAPE ROUTES



Brandschutzsysteme GmbH



LWA Series

*** Also available as a design with fire resistance from outside and inside ***

Light-wall attachment doors

Suitable for functional integrity for 30 minutes

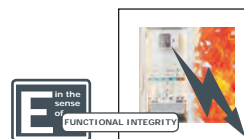
Fire resistance: 30 minutes
Fire from inside: 30 minutes



Ranges of application:

Residential and office buildings
Sales outlets
Schools and day-care centres
Nursing homes and hospitals
Places of public assembly
Restaurants and hotels

Fields of application



Functional integrity

- Existing safety-related electrical equipment
- Fire alarms
- Emergency power units
- Emergency lighting
- Passenger lifts with a fire control system
- Smoke extractors
- UPS and voice alarm units



Fire load insulation

- To protect emergency escape routes



Fire resistance

- For fires from outside



Smoke-retardant

- With a surrounding seal to prevent smoke penetration according to MLAR



Development principles or European scope of testing:

- **EN 1634-3**
Evidence of smoke protection
- **EN 13501**
Classification of building products and building designs related to their behaviour in fires



VIOPARUM

Premium Series

VIOPARUM

Inspection door

Fire resistance: 90 minutes
Fire from inside: 90 minutes



Ranges of application:

Residential and office buildings
Industrial buildings
Sales outlets
Schools and day-care centres
Nursing homes and hospitals
Places of public assembly
Restaurants and hotels

Fields of application



Fire load insulation

- To protect emergency escape routes



Fire resistance

- For fires from inside



Smoke-retardant

- With a surrounding seal to prevent smoke penetration according to MLAR



Development principles or European scope of testing:

- **EN 1634-3**
Evidence of smoke protection
- **EN 1363-1**
Fire resistance tests for non-load-bearing parts
- **EN 1364-1**
Fire resistance tests for non-load-bearing parts
- **EN 13501**
Classification of building products and building designs related to their behaviour in fires

In the sense of the European classification criteria:



Please note the current MLAR (Fire Protection Guidelines for Circuit Systems)

Para. 3.2.2, Para. 3.5.1 and Para. 3.5.2

and the MVVTB (Administrative Rules – Technical Building Regulations)

or the individual state orders and guidelines, administrative rules

and technical building regulations valid in the individual federal states.

Visual example



Project-related special solutions partly deduced via protection target defined in MVVTB Para. A.2.1 by the expert on site.



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